

# ABSTRACT

A pregel composition is added to an organic  
5 electrolyte solution of an electrolyte salt in a nonaqueous  
solvent for causing the solution to gel and form a polymer  
gel electrolyte. The pregel composition is dehydrated by  
azeotropic distillation and has a moisture content of not  
more than 1,000 ppm as determined by Karl Fischer titration.  
10 Polymer gel electrolytes prepared with such a pregel  
composition have a good electrochemical stability, and are  
thus highly suitable for use in secondary cells and  
electrical double-layer capacitors.